

CHEST COMPRESSOR

ABSTRACT OF THE DISCLOSURE

5           Apparatus for compressing the chest of a patient to stimulate blood  
circulation, includes a torso wrap (32) that has a back portion (40) lying at the  
back of the patient's chest and a front portion (42) lying at the front of the patient's  
chest, and includes a compressor assembly with an actuator (16) having a  
10           pressing member (12) that can apply a series of force pulses to the sternum of the  
patient to stimulate blood circulation. The actuator is energized by pressured  
fluid, with a controlled pressured fluid source (20) connected by an elongated  
flexible hose (24) to the actuator so the pressured fluid source and a control (22)  
can lie on the ground and only the actuator lies on the torso wrap. The actuator  
15           includes a cylinder (66) and a plurality of telescoping piston parts (64, 66) to  
provide a long stroke in an actuator of small height. A stabilizer (150) that limits  
tilt of the actuator from the vertical, includes a saucer-shaped member that  
presses against the front of the patient.